GO.VIDEO®

DVD Recorder

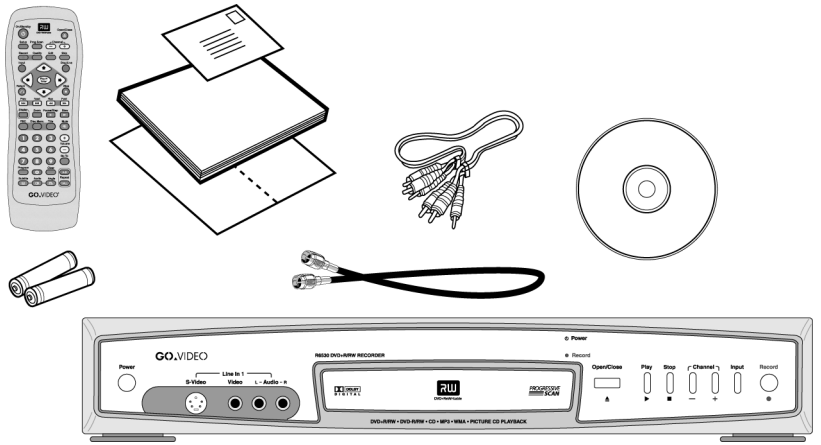
DVD+ReWritable · DVD VIDEO · PROGRESSIVE SCAN · DOLBY DIGITAL · COMPACT DISC DIGITAL AUDIO · PLAYS MP3 · Plays Windows Media · Kodak PICTURE CD COMPATIBLE

R6530

User's Guide

Unpack Your DVD Recorder

- R6530 DVD recorder (1)
- Remote control (1)
- 1.5V AAA alkaline batteries (2)
- Audio/video cable (1)
- RF (Antenna) cable (1)
- User's guide (1)
- Quick reference guide (1)
- Warranty registration card (1)
- DVD+RW disc (1)



Insert Remote Control Batteries

1 Remove battery cover on back of remote control.
2 Insert two 1.5V AAA batteries, paying attention to the correct polarities (+/-).
3 Replace cover.

In case warranty service is required, please take a moment to attach your receipt to this manual and write down your Serial Number, located on the back panel of the DVD Recorder: _____.

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Chapter 1 Getting Started

:: Welcome

Congratulations on your purchase of this R6530 DVD Recorder, an advanced DVD player and recorder in one.

Features

- **DVD Recording** - Easily make DVDs from any video source with One-Touch Recording
- **Simple Connections** - Start recording your favorite VHS tapes or camcorder footage in less than 10 minutes
- **Record TV Shows on DVD** - Set up to 8 timer events, or record manually
- **Maximum Compatibility** - DVD+R/+RW Format is compatible with most DVD players
- **5 Quality Levels** - Varying quality levels allow you to store from 1 hour to 6 hours on one DVD+R/+RW disc
- **Automatic Menu Creation** - Automatically creates a DVD disc menu as you record
- **Editing** - Hide or Re-arrange material after it has been recorded
- **Thumbnail Images** - Uses images from your recordings as menu selections on the disc
- **Progressive Scan Output** - Delivers sharp, crisp video for highest quality on your progressive scan TV
- **Connection Flexibility** - Composite, S-video and component video output-and cable-ready TV tuner
- **Multi-angle Viewing** - Zoom, frame advance, smooth scan, high-speed search and smooth slow motion
- **Front Panel Camcorder Input** - Connect your camcorder directly to make DVDs of your favorite tapes

Playable Discs

- DVD Video
- DVD+R/+RW
- DVD-R/-RW
- Audio CD (CDDA)
- MP3 files on CD-R/CD-RW
- JPEG Photo CD, Kodak Picture CD

Recordable Discs

- DVD+R
- DVD+RW

Region Code

- Region 1

:: DVD Recording FAQ

Before you start using the R6530, please take a few moments to review these Frequently Asked Questions. They will help you become acquainted with the technology and the capabilities of the DVD Recorder:

What can I record with my DVD recorder?

You can record programs directly from television (from your antenna, basic cable, cable box or satellite receiver) and from virtually any external audio/video source, including camcorders, VCRs, DVD players and more. This unit will not copy Macrovision encoded or other copy protected material.

What kind of discs should I use?

You can only record on DVD+R and DVD+RW discs. DVD+R/+RW is the most compatible recordable DVD format on the market today. They are fully compatible with over 95% of existing DVD-Video players and DVD-ROM drives in computers.

What is the capacity of a DVD+R and DVD+RW disc?

4.7GB, or the equivalent of roughly 6 CDs. You can record about one hour at the highest quality (HQ) and about six hours at the lowest quality (SLP) on a single disc.

What is the difference between DVD+R and DVD+RW?

DVD+R is “recordable” and DVD+RW is “rewritable”. With a DVD+R you can record multiple sessions on the same disc, but when the disc is full, you cannot record any more on the disc. The DVD+RW format allows you to record over the same disc literally hundreds of times.

What is DVD-R and DVD-RW? Are they compatible with this recorder?

DVD-R and DVD-RW (written with a dash instead of a plus) are competing recordable DVD formats. You can play DVD-R/-RW discs on this player, but they are not compatible for recording purposes.

How do I know how much space is left on my disc for recording?

Load the disc and press Disc Menu to see the percentage of recording time remaining on your disc.

Where do I purchase discs? Are they expensive?

Blank DVD+R and DVD+RW discs are available at most electronics and office supply stores. Prices vary but DVD+Rs can generally be purchased in bulk for less than $1 each.

What format is the DVD recording saved in?

The actual video files are saved in MPEG-2 format.

Can I record in "real time"? Is there a recording buffer?

Yes, you can record from TV or from external video sources to the DVD recorder in real time.

Do I need to format a disc in order to record?

If a disc needs to be formatted, the DVD recorder will do it for you automatically when you load the disc. This takes about a minute and does not require any action on your part.

What are Titles and Chapters?

A DVD disc contains Titles and Chapters, which are similar to the Titles and Chapters of a book. A Title is often a complete movie and is broken down into Chapters, or individual scenes from the movie. If a disc contains multiple Titles, they can be accessed by pressing the Title button. To view the contents of a particular Title, press the Disc Menu button.

How do I set up Titles and Chapters?

The DVD Recorder automatically creates a new Title every time you start a new recording. You can then add Chapters to these recordings manually or have them automatically inserted at 5-minute intervals.

What does "finalizing" a disc do?

Finalizing a disc locks the discs so it can no longer be recorded. It will then be compatible with virtually any DVD player. To close a disc without finalizing it, simply stop recording and eject the disc. You will still be able to record on the disc if there is room for more recordings.

How good is the quality of the recording?

There are five quality levels to choose from, ranging from HQ (High Quality), which is near DVD quality to SLP (Standard Long Play), which is near VHS quality. Choose the quality level that best suits your purpose and the length of your material.

How many times can I record on a DVD+RW?

Most disc manufacturers specify that you can record up to 1,000 times.

What is the basic DVD recording process?

The basic recording process is to load a blank DVD+R or DVD+RW disc, switch the DVD Recorder to Live mode, choose the input source you wish to record, set the record quality, and press RECORD.

Will my DVDs be compatible in other players?

Yes. If you finalize the DVD it will be compatible with virtually all new DVD players.

How do I hide commercials on my recorded shows?

The Hide and Show Chapter features are useful for hiding commercials or unwanted footage from your recordings. Simply create a new Chapter at the start of a commercial break, for example, and create another Chapter at the end of the commercial grouping. You can then Hide the commercial break during playback.

What is the difference between hiding a Chapter and removing a Chapter?

Chapters are similar to bookmarks. When you *hide* a Chapter, the bookmark is still there, but you don't see the Chapter during playback. When you *remove* a Chapter, it is like removing the bookmark. The contents of the disc are still there, but the bookmark has been removed.

What are thumbnails? How do I create new thumbnails?

Thumbnails are single frames from your recordings used to identify each Title on the DVD+R/+RW disc menu. The DVD Recorder allows you to create new thumbnails to represent the shows you record.

What does the Auto Chapter feature do?

The Auto Chapter feature creates Chapters automatically every 5 minutes while you are recording. This makes it easy to browse the Title later using the Next and Prev buttons.

How do I switch between playing and recording?

The DVD Recorder has two basic modes: Disc mode and Live mode. To switch between these modes, press the Disc/Live button on the remote control. Use Disc mode to play or edit discs. Use Live mode to watch or record from TV or an external source (such as a VCR, camcorder, satellite receiver, etc.) connected to the front (Line 1) or rear (Line 2) audio/video inputs.

Can I copy a DVD from an external player?

Yes, but only if the DVD is not copy protected.

Can I copy a VHS tape from an external player?

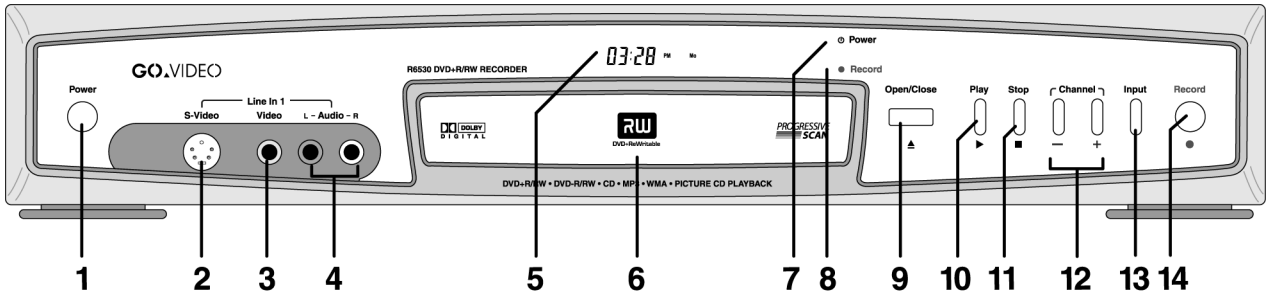
Yes, but only if the VHS tape is not copy protected.

Can I copy from a camcorder?

Yes, you can copy from a camcorder or any external audio/video device using the front or rear line inputs.

:: Player Overview

Front Panel Controls



1 Power button
Press to power on the DVD Recorder.

- When the power is on, use the On/Standby button on the remote control to turn the unit on and off.
- When the power is off, the unit is effectively disconnected from the wall outlet.

2 Line In 1 (S-Video Input)
Connect to the S-Video output of your camcorder or other playback device.

3 Line In 1 (Composite Video Input)
Connect to the composite video output of your camcorder or other playback device.

4 Line In 1 (Stereo Audio Input)
Connect to the left/right analog audio outputs of your camcorder or other playback device.

5 Front Panel Display
Displays feedback on player operation; see page 9 for details.

6 Disc Tray
Use to load a DVD, CD, or other compatible disc.

7 Power LED
Lights when the Power button is pressed.

8 Record LED
Lights when a DVD recording is in progress.

9 Open/Close ▲ button
Press to open and close the disc tray.

10 Play ► button
Press to start playback.

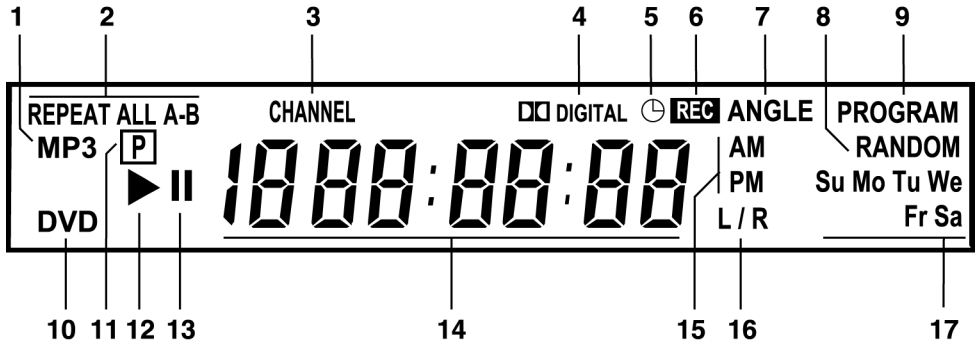
11 Stop ■ button
Press to stop playback.

12 Channel +/- buttons
Press to select the next or previous channel in your channel list.

13 Input button
Press repeatedly to select among external audio/video input sources (Line 1, Line 1-S, Line 2, Line 2-S, Ch ###).

14 Record button
Press to start recording from the currently selected source.

Front Panel Display



1 MP3 Indicator
Lights when a CD-R or CD-RW with MP3 Tracks is loaded.

2 Repeat Status Indicator
Lights when a disc is in Repeat or AB Repeat mode.

3 Channel Indicator
Lights when a TV channel is selected.

4 Dolby Digital Indicator
Lights when a DVD with a Dolby Digital soundtrack is loaded.

5 Timer Recording Indicator
Lights when a Timer Recording has been scheduled.

6 Record Indicator
Lights when a DVD recording is in progress.

7 Angle Indicator
Lights when an alternative angle is available during DVD playback.

8 Random Indicator
Lights when a disc is playing in random order.

9 Program Indicator
Lights when a custom program order has been programmed (CD/MP3 playback only)

10 DVD Indicator
Lights when a DVD disc is loaded.

11 Progressive Scan Indicator
Lights when Component Video with Progressive Scan is enabled.

12 Play Indicator
Lights when a disc is playing.

13 Pause Indicator
Lights when a disc is in pause mode.

14 Counter Display
Displays the playback status, disc type, elapsed playback time, remaining time, etc.

15 AM/PM Indicator
Lights to indicate the time is AM or PM.

16 L/R Indicator
Lights to indicate left or right channel audio playback.

17 Weekday Indicator
Lights to indicate the current day of the week.

Remote Control

1 On/Standby
Press to switch the DVD Recorder between On and Standby (low power) modes. The Power button on the front panel must be pressed in for this button to work.

2 Prog. Scan
Press to switch the video output between Progressive Scan and Interlace Scan. Only use when the DVD Recorder is connected to a Progressive Scan television with the Component Video Output.

3 Setup
While a disc is in Stop mode, press to display the DVD Recorder Setup menu.

4 Quality
While in Live mode, press repeatedly to set the Record Quality to HQ, SP, LP, EP, or SLP.

5 Record
Press to start recording from the currently selected input source. Also use as a shortcut to jump to Live mode while in Disc mode.

6 Input
While in Live mode, press repeatedly to select among external audio/video input sources (Line 1, Line 1-S, Line 2, Line 2-S, Ch ###).

7 Play ►/Enter
Press to start playback. Also press to confirm menu settings. Also use as a shortcut to jump to Disc mode while in Live mode.

8 Arrow buttons ◄ ► ▲ ▼
Press to navigate on-screen menus.

9 Return ↶
Press to return to the previous menu.

10 Next ⏭
Press to skip to the next Chapter or Track.

11 Prev ⏮
Press to skip to the previous Chapter or Track.

12 Zoom
Press to zoom in at various levels of magnification during DVD playback.

13 Display
Press to display current disc status.

14 Disc Menu
Press to view the DVD disc menu.

15 0-9
Use to enter numeric data in on-screen menus. Press Play ►/Enter to confirm.

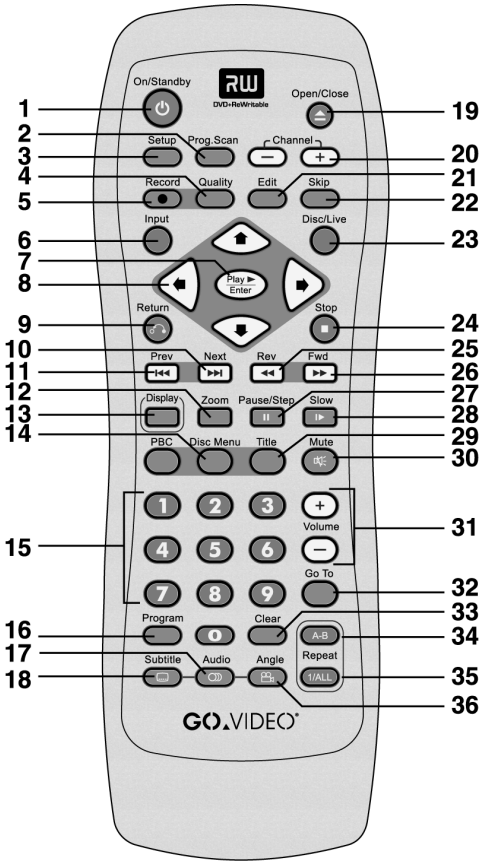
16 Program
Press to program a custom Track playback order (CD and MP3 discs only).

17 Audio
Press to select among available audio Tracks/formats during DVD playback.

18 Subtitle
Press to select among available subtitle languages during DVD playback.

19 Open/Close ⏏
Press to open and close the DVD disc tray.

20 Channel +/-
Press to select the next or previous channel in your channel list.



21 Edit
While a DVD+R/RW disc is loaded, press to display special disc Editing menus; see page 25.

22 Skip
Press to skip ahead 30 seconds during DVD+R/RW playback. This is useful for skipping commercials.

23 Disc/Live
Press to switch between Disc mode (for playback of discs) and Live mode (for watching and recording TV or external sources).

24 Stop ■
Press to stop and hold disc playback (press Play ►/Enter to resume). Press Stop ■ twice to stop playback completely and reset the disc. Also press to stop DVD recording.

25 Rev ◄◄
Press repeatedly to scan backward at variable speeds.

26 Fwd ►►
Press repeatedly to scan forward at variable speeds.

27 Pause/Step II
Press to pause playback and recording. Press repeatedly for frame by frame playback.

28 Slow
Press repeatedly for slow motion playback at variable speeds.

29 Title
Press to display DVD Title menus for discs with multiple Titles. If a disc has a single Title, functions like the Disc Menu button.

30 Mute
Press to mute audio playback.

31 Volume +/-
Press to adjust the volume level (disc playback only).

32 Go To
Press to jump to a specific time, Title, Chapter, or Track during disc playback.

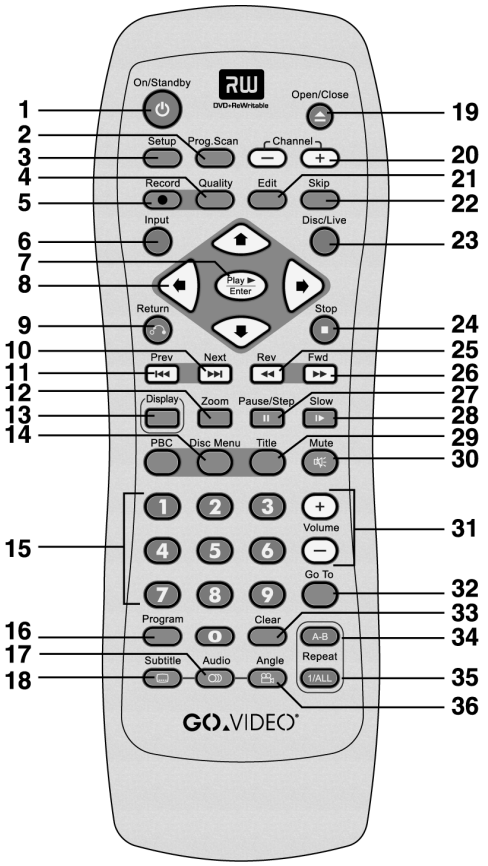
33 Clear
Press to delete numeric entries in on-screen menus.

34 Repeat (A-B)
Press to repeat an audio or video segment between two points (A and B) during disc playback.

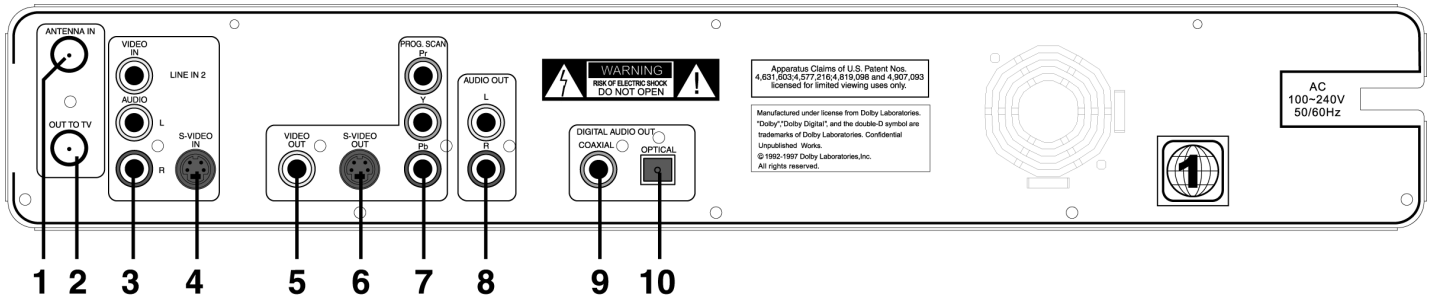
35 Repeat (1/ALL)
Press to repeat playback of a single Chapter or Track, or a complete disc.

36 Angle
Press to view alternate angles during DVD playback (if available).

⃠ *If a remote control function is not currently available, the invalid symbol will appear on screen.*



Rear Panel



1 Antenna In
Connect to your antenna, cable TV, or cable box with a coaxial cable.

2 Out to TV
Connect to the Antenna Input on older televisions with a coaxial cable.

3 Line In 2 (Composite Video/Stereo Audio Inputs)
Connect to the audio/video outputs of an external source (such as a cable box or VCR) with RCA cables.

4 Line In 2 (S-Video Input)
Connect to the S-Video output of an external source (such as a satellite receiver) with an S-Video cable.

5 Composite Video Out
Connect to the composite video input of your TV with an RCA cable.

6 S-Video Out
Connect to the S-Video input of your TV with an S-Video cable.

7 Prog. Scan (Y/Pb/Pr)
Connect to the Progressive Scan/Component video inputs of your TV with a Component Video cable.

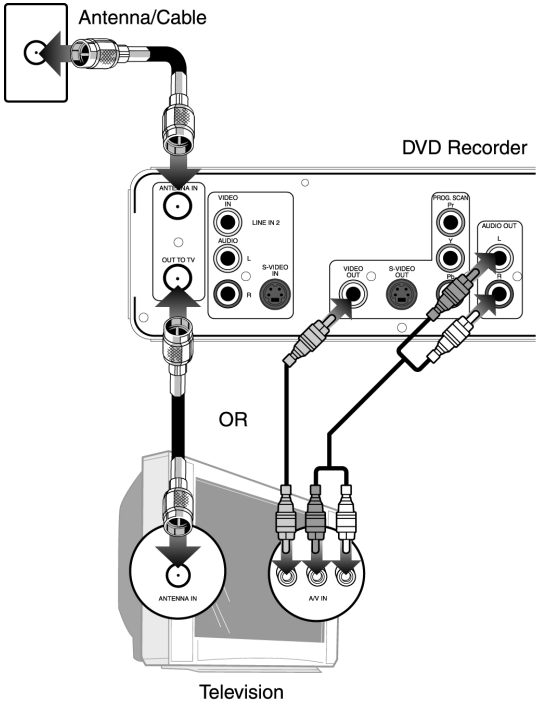
8 Stereo Audio Output
Connect to the left/right analog audio inputs of your TV, stereo, or 2-channel amplifier with RCA cables.

9 Digital Audio Out (Coaxial)
Connect to the coaxial digital audio input of a 5.1-channel amplifier with a digital coaxial cable.

10 Digital Audio Out (Optical)
Connect to the optical digital audio input of a 5.1-channel amplifier with a digital optical cable.

:: Basic Connections

Connecting the R6530 is virtually the same as connecting a standard VCR. Follow these steps to connect the DVD Recorder to your TV and antenna/basic cable. For advanced connections, please refer to pages 15-20.



1 Connect Antenna/Cable

Connect the RF cable from your antenna or basic cable TV jack to the ANTENNA IN jack on the back panel of the DVD Recorder.

2 Connect TV

Choose either Antenna Out or Line Out:

a. Antenna Out

Use if you have an older television with only a basic antenna input. Connect the supplied coaxial cable from the OUT TO TV jack on the back panel of the DVD Recorder to the antenna in jack on your television.

b. Line Out

Use for better sound and picture quality if your television has audio/video inputs. Connect the supplied audio/video cable from the AUDIO/VIDEO OUT jacks on the back panel of the DVD Recorder to the line in jacks on your television and/or stereo receiver.

3 Power on DVD Recorder & TV

Plug the DVD Recorder into a standard electrical outlet, turn on your TV, and press Power on the front panel of the DVD Recorder.

4 Select Channel 3 or Line

If you used the Antenna Out connection, tune your television to channel 3 (or if you prefer to use channel 4, see “Modulator Output” on page 42). If you used the Line Out connection, set your television to its appropriate video input.

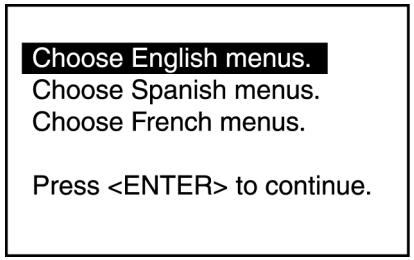
5 Continue with Initial Setup

The Language setup menu will appear. Continue with “Initial Setup” on page 14.

:: Initial Setup

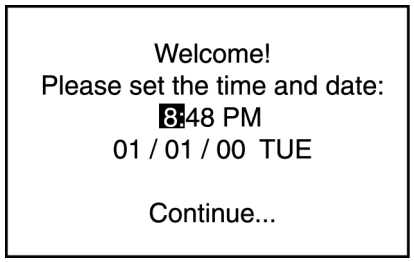
Once you have completed "Basic Connections" on page 13, the language selection menu will appear on your TV screen. Follow these steps to complete Initial Setup.

1 Set the DVD Recorder's on-screen menu language:



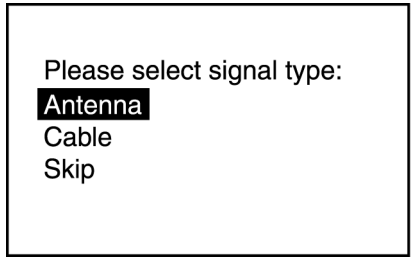
- Use the ⬆ / ⬇ buttons to select English (default), Spanish, or French.
- Press Play ►/Enter to continue.

2 Set the DVD Recorder's time and date. This is essential for accurate timer recording:



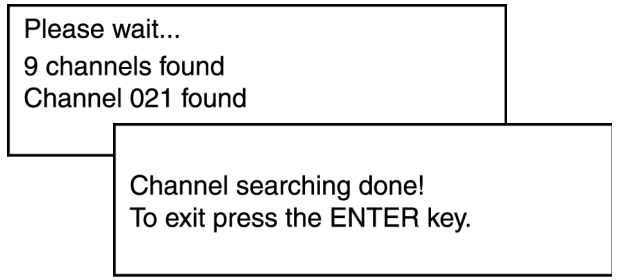
- Use the ⬅ / ➡ buttons to select each item (hours, minutes, month, day, and year).
- Use the ⬆ / ⬇ buttons to set each item to the correct time and date.
- Press Play ►/Enter to continue.

3 Select Antenna or Cable:



- Use the ⬆ / ⬇ buttons to select Antenna (default), or Cable.
- Press Play ►/Enter to continue.

4 Run Auto Channel Search



- Auto Channel Search runs automatically after you select Antenna or Cable. This may take several minutes.
- When all available channels have been found, press Play ►/Enter to complete Initial Setup.
- To add or delete channels from your channel list, see "Add/Delete Channels" on page 41.

:: Advanced Connections

S-Video Connections

Use for improved picture quality when watching DVD movies. Your television must be equipped with an S-Video input.

1 Connect S-Video to TV

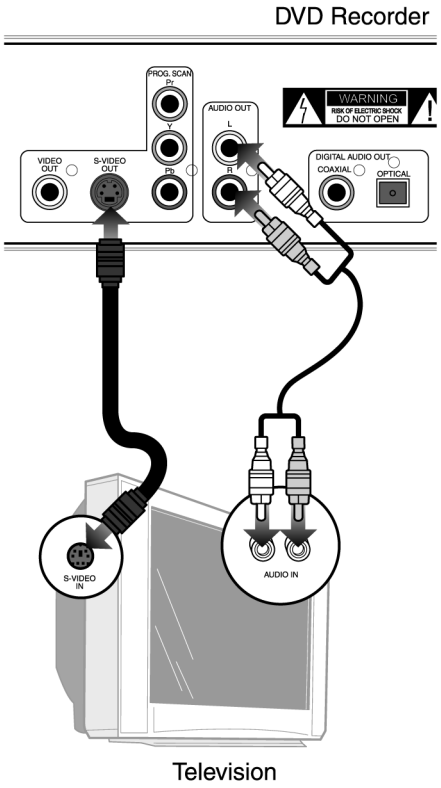
Connect an S-Video cable from the S-VIDEO OUT jack on the back panel of the DVD Recorder to the S-Video input on your television.

2 Connect Stereo or Digital Audio to TV

Connect stereo audio cables from the AUDIO OUT jacks on the back panel of the DVD Recorder to the line in jacks on your television or stereo receiver,

OR

Connect the coaxial or optical digital audio output to your audio/video receiver; see page 17.



Component Video/Progressive Scan Connections

Use for superior picture quality when watching DVD movies. Your television must be equipped with Component Video or Progressive Scan inputs.

1 Connect Component Video to TV

Connect a component video cable from the PROG. SCAN jacks on the back panel of the DVD Recorder to the component video inputs on your television. Be sure to correctly match each of the cables (Y, Pr, Pb) to the corresponding jacks on the DVD Recorder and TV.

2 Connect Stereo or Digital Audio to TV

Connect stereo audio cables from the AUDIO OUT jacks on the back panel of the DVD Recorder to the line in jacks on your television or stereo receiver,

OR

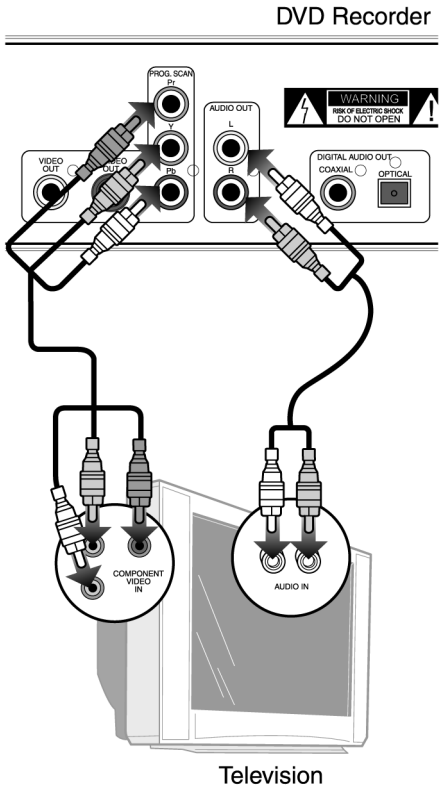
Connect the coaxial or optical digital audio output to your audio/video receiver; see page 17.

3 Enable the Component Video Output

Set “Video Output” to Component, see page 41.

4 Enable the Progressive Scan Output (Optional)

If your television has Progressive Video inputs, you can enjoy even better video quality by switching from Interlace to Progressive Scan. To set “Output Format” to Progressive, see page 42.



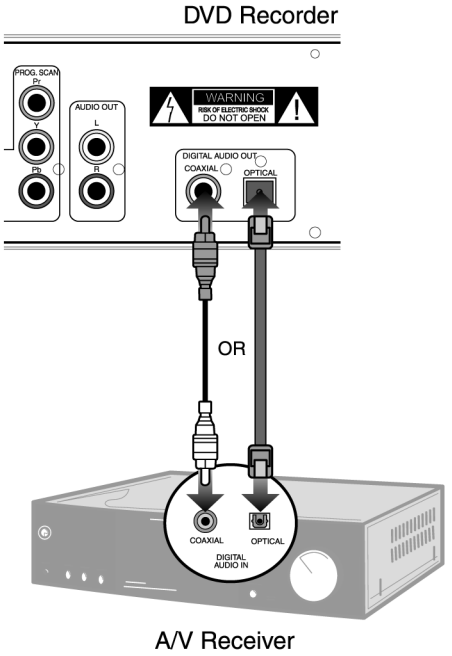
Audio/Video Receiver Connections

Follow these steps to connect the DVD Recorder to a digital audio/video receiver.

1 Connect DVD Recorder to Digital Audio Receiver

Connect a coaxial OR optical digital audio cable from the DIGITAL AUDIO OUT jacks on the back panel of the DVD Recorder to the matching digital audio inputs on your audio/video receiver.

- Use whichever connection is available on your audio/video receiver.
- Use EITHER coaxial OR optical, NOT both.



Cable Box Connections

Follow these steps to connect a cable box or satellite receiver to your DVD Recorder:

1 Connect Incoming Cable to Cable Box

Connect a coaxial cable from your cable TV wall outlet to the input jack on your cable box.

2 Connect Cable Box to DVD Recorder

Connect a second coaxial cable from the output jack on the cable box to the ANTENNA IN jack on the back panel of the DVD Recorder.

3 Connect DVD Recorder to TV

Choose either Antenna Out or Line Out:

a. Antenna Out

Use if you have an older television with only a basic antenna input. Connect the supplied coaxial cable from the OUT TO TV jack on the back panel of the DVD Recorder to the antenna in jack on your television.

b. Line Out

Use for better sound and picture quality if your television has audio/video inputs. Connect the supplied audio/video cable from the AUDIO/VIDEO OUT jacks on the back panel of the DVD Recorder to the line in jacks on your television and/or stereo receiver.

4 Power on DVD Recorder, TV & Cable Box

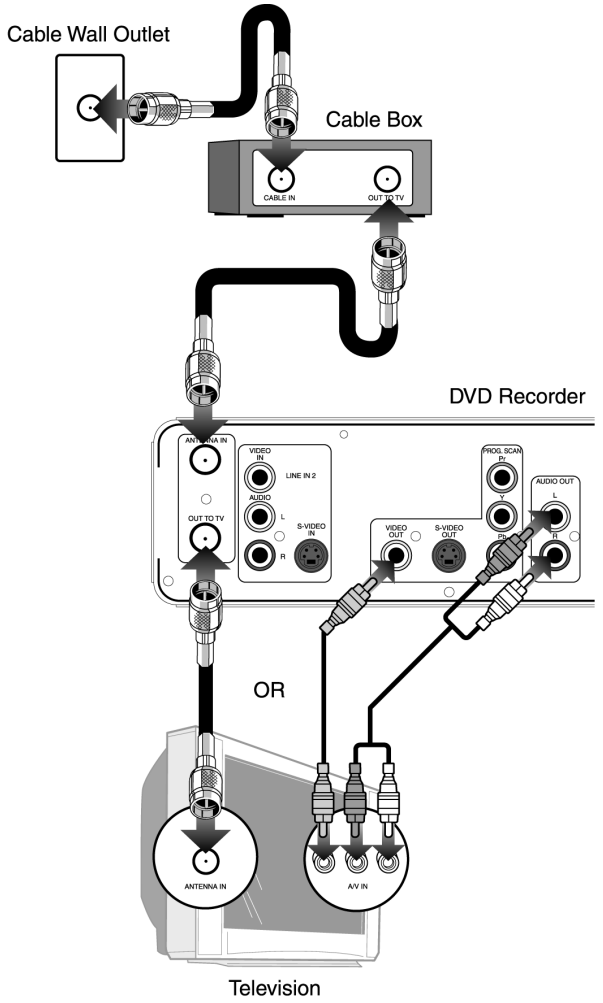
Plug the DVD Recorder power cord into a standard electrical outlet, and turn on your television, DVD Recorder and cable box.

5 Select Channel 3 or Line

If you used the Antenna Out connection, tune your television to channel 3 (or if you prefer to use channel 4, see “Modulator Output” on page 42). If you used the Line Out connection, set your television to its appropriate video input.

6 Continue with Initial Setup

The Language setup menu will appear. Continue with “Initial Setup” on page 14.



Alternative Cable Box Connections

This connection method allows you to record from basic cable while watching scrambled channels simultaneously. However, with this method you will not be able to record scrambled channels.

1 Connect Incoming Cable to DVD Recorder

Connect the coaxial cable from your cable TV wall outlet to the ANTENNA IN jack on the back panel of the DVD Recorder.

2 Connect DVD Recorder to Cable Box

Connect a second coaxial cable from the OUT TO TV jack on the back panel of the DVD Recorder to the input jack on your cable box.

3 Connect Cable Box to TV

Connect an additional coaxial cable from the output jack on the cable box to the antenna in jack on your television.

4 Power on DVD Recorder, TV & Cable Box

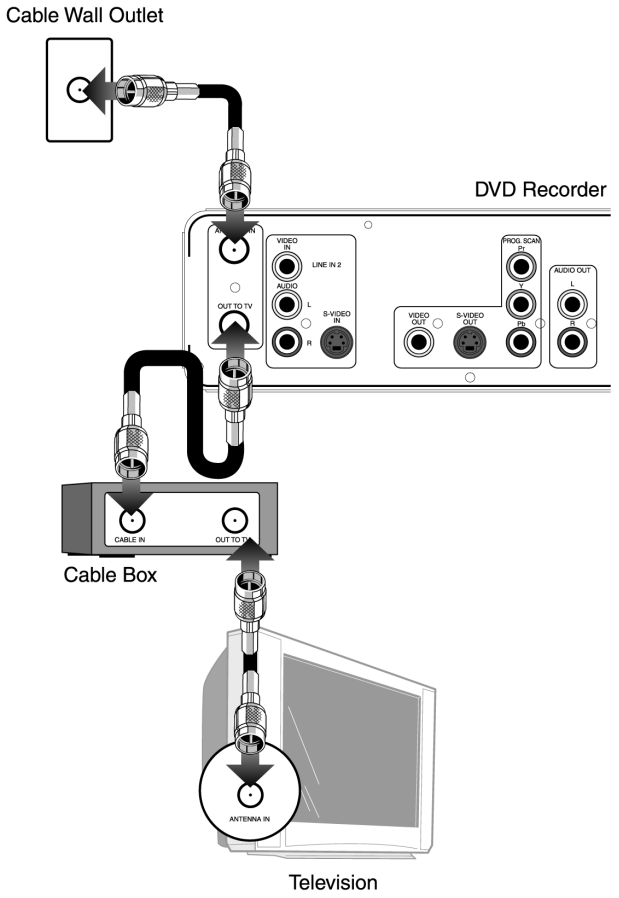
Plug the DVD Recorder into a standard electrical outlet, and turn on your television, DVD Recorder and cable box.

5 Select Channel 3 on TV & Cable Box

- Tune your television and cable box to channel 3.
- To watch the cable box, turn off the DVD Recorder, set your TV to channel 2, 3 or 4 (whichever channel is used by your cable system), and change channels on the cable box.
- To watch and record basic cable, select the channel to record on the DVD Recorder and the channel to watch on the cable box.

6 Continue with Initial Setup

The Language setup menu will appear. Continue with “Initial Setup” on page 14.



Other Audio/Video Connections

Follow these steps to connect an external audio/video source, such as a camcorder, satellite receiver, VCR, or video game, to your DVD Recorder.

1 Connect Source to DVD Recorder

Connect your source to the line inputs on the front (Line 1) or rear (Line 2) of the DVD Recorder.

2 Choose from the following options:

To View Device

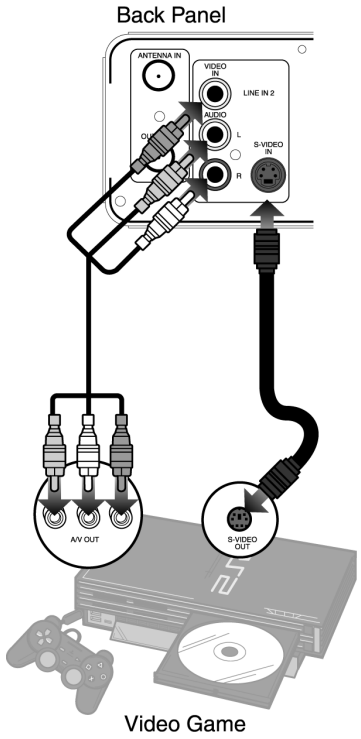
- Press Disc/Live on the remote control to switch to Live mode.
- Press Input until Line 1, Line 1-S, Line 2, or Line 2-S appears on your television screen.

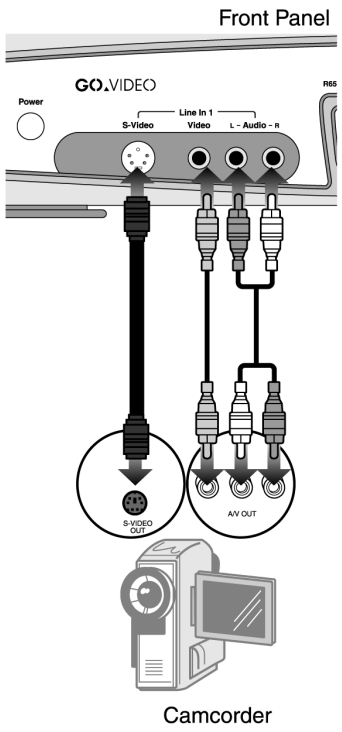
To Record from Device

- Press Disc/Live on the remote control to switch to Live mode.
- Press Input until Line 1, Line 1-S, Line 2, or Line 2-S appears on your television screen, then press Record. See “Basic Recording” on page 21.

To Timer Record from Device

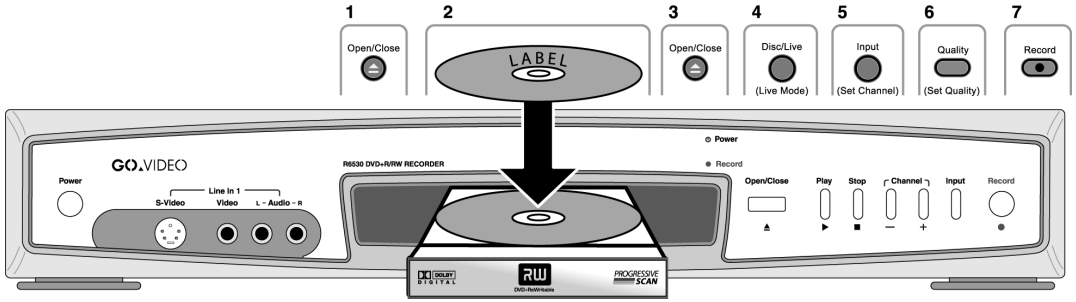
- Select L1, L1-S, L2, or L2-S as your Input in the Timer Record menu; see “Timer Recording” on page 28.





:: Basic Recording

Recording a TV Program



Follow these steps to record a television program using the built-in TV tuner. Before you begin:

- Turn on the DVD Recorder using the front panel Power button. If the unit is in Standby mode, press On/Standby on the remote control to power on the unit. The green Power indicator will glow on the front panel display.
- Turn on your TV, and set it to the video input connected to the DVD Recorder.
- Turn on your audio system (if using an external amplifier/audio system), and set it to the input connected to the DVD Recorder.

1 Press Open/Close ▲ on the remote control or front panel to open the disc tray.

2 Insert a DVD+R or DVD+RW into the disc tray with the label side facing up.
- If you are using a DVD+R, it must be not be finalized. Once a DVD+R is full or finalized, it cannot be recorded on again.

3 Press Open/Close ▲ again to close the disc tray.
- The unit will take a few moments to read the disc and then switch to Disc mode automatically.
- The disc menu for the DVD+R or DVD+RW will appear.
- The disc menu displays the percentage of free space available on the disc. Check to make sure you have enough space on the disc to record the desired show, and adjust the Quality level if necessary (see Step 6 below).

4 Press Disc/Live to switch to Live mode.
   - LIVE appears on your TV.
   - You can also press Record to switch to Live mode from Disc mode.

5 Press Input on the remote control until the channel input is selected.

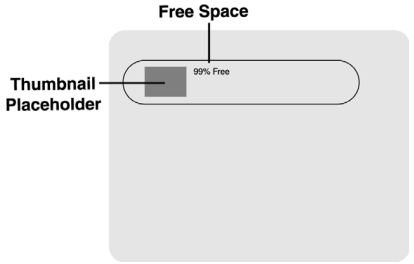
6 Select the desired channel using the Channel +/- or 0-9 buttons.

7 Press Quality to set the record quality to the desired level:
   - **HQ** - Select for High Quality mode (1 hr. max per disc, comparable to DVD quality)
   - **SP** - Select for Standard Play mode (2 hrs. max per disc)
   - **LP** - Select for Long Play mode (3 hrs. max per disc, comparable to S-VHS quality)
   - **EP** - Select for Extended Play mode (4 hrs. max per disc)
   - **SLP** - Select for Super Long Play mode (6 hrs. max per disc, comparable to standard VHS quality).

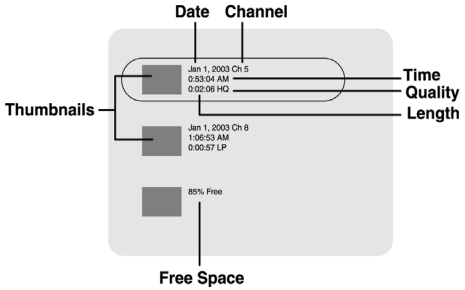
8 Press Record to start recording.
   - REC appears on the screen and the R6530 will start recording a new Title onto your DVD+R/+RW.

9 Options during recording:
   - To pause recording, press Pause/Step ⏸.
   - To resume recording, press Record.
   - To view elapsed and remaining recording time, press Display.
   - You cannot change the Input source or Quality settings once recording has begun.

10 When recording is complete, press Stop ■.
   - WAIT appears on the screen for a few moments while the DVD Recorder stops recording and adds the new Title to the disc menu.
   - To play your new Title, press Disc/Live to switch to Disc mode and display the disc menu. Select the Title and press Play ►/Enter; see page 31 for details.
   - To edit your Title, see page 27.

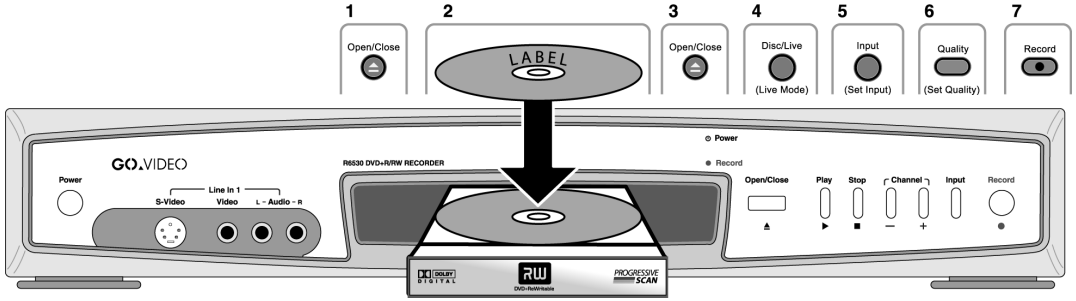


Blank Disc Menu



Disc Menu with Recordings

Recording from an External Device



Follow these steps to record from an external device, such as a VCR, camcorder, satellite receiver, etc. Before you begin:

- Turn on the DVD Recorder, TV and audio system (if applicable).
- Make sure your external device is powered on and connected to the front or rear line in jacks.
- Make sure your external device is cued up so it is ready to play at the desired counter position. For example, play your camcorder or VCR to the start of the scene you wish to record.

1 Press Open/Close ▲ on the remote control or front panel to open the disc tray.

2 Insert a DVD+R or DVD+RW into the disc tray with the label side facing up.
- If you are using a DVD+R, it must be not be finalized. Once a DVD+R is full or finalized, it cannot be recorded on again.

3 Press Open/Close ▲ again to close the disc tray.
- The unit will take a few moments to read the disc and then switch to Disc mode automatically.
- The disc menu for the DVD+R or DVD+RW will appear.
- The disc menu displays the percentage of free space available on the disc. Check to make sure you have enough space on the disc to record the desired show, and adjust the Quality level if necessary (see Step 6 below).

4 Press Disc/Live to switch to Live mode.
- LIVE appears on your TV.
- You can also press Record to switch to Live mode from Disc mode.

5 Press Input on the remote control to select the desired input:
- **Line 1** - Records from a device connected to the front panel Video In jack.
- **Line 1-S** - Records from a device connected to the front panel S-Video In jack.
- **Line 2** - Records from a device connected to the back panel Video In jack.
- **Line 2-S** - Records from a device connected to the back panel S-Video In jack.

6 Press Quality to set the record quality to the desired level:

- **HQ** - Select for High Quality mode (1 hr. max per disc, comparable to DVD quality)
- **SP** - Select for Standard Play mode (2 hrs. max per disc)
- **LP** - Select for Long Play mode (3 hrs. max per disc, comparable to S-VHS quality)
- **EP** - Select for Extended Play mode (4 hrs. max per disc)
- **SLP** - Select for Super Long Play mode (6 hrs. max per disc, comparable to standard VHS quality).

7 Press Record to start recording.

- Whichever input source you selected (i.e., whatever is currently visible on screen) will begin recording to the DVD+R/+RW disc.
- This unit will not record copy-protected material. If your source material is copy-protected you will receive an error message and the event will not be recorded.

8 Options during recording:

- To pause recording, press Pause/Step ⏸.
- To resume recording, press Record.
- To view elapsed and remaining recording time, press Display.
- You cannot change the Input source or Quality settings once recording has begun.

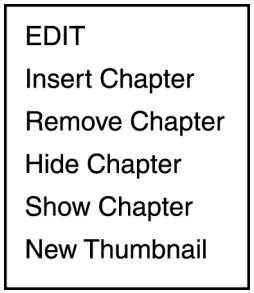
9 When recording is complete, press Stop ■.

- WAIT appears on the screen for a few moments while the DVD Recorder stops recording and adds the new Title to the disc menu.
- To play your new Title, press Disc/Live to switch to Disc mode and display the disc menu. Select the Title and press Play ►/Enter; see page 31 for details.
- To edit your Title, see page 27.

:: Editing during DVD Playback

Certain types of edits can only be done during DVD playback. These edits include Insert/Remove Chapter, Hide/Show Chapter and New Thumbnail.

1 Insert a DVD+R or DVD+RW disc into the DVD Recorder.
2 Press Disc/Live to switch to Disc mode.
   • The DVD+R/+RW disc menu appears on the screen.
3 Use the ⬆ / ⬇ buttons to select the desired Title.
4 Press Play ►/Enter to begin playing the Title.
5 Press Edit on the remote control, and select from the following options:



DVD+R/+RW Playback Edits

Inserting a Chapter

You may wish to insert Chapters at the start and end of a group of commercials and hide them during playback. This feature is also useful for marking and hiding unwanted scenes from raw camcorder footage.

- Cue to the point in the recording where you want to insert a new Chapter.
- Use the ⬆ / ⬇ buttons to select Insert Chapter and press Play ►/Enter.
- EDIT appears briefly on screen and the new Chapter is added.
- Press Edit to exit the Edit menu.

Removing a Chapter

If you insert a Chapter accidentally or at an incorrect position, you can easily remove it.

- Cue to the Chapter in the recording you want to remove.
- Use the ⬆ / ⬇ buttons to select Remove Chapter and press Play ►/Enter.
- The selected Chapter is removed.
- This does NOT delete the contents of the Chapter, only the Chapter marker.

Hiding a Chapter

The Hide Chapter feature allows you to seamlessly skip over commercials or unwanted segments of your recordings:

- Cue to the Chapter in the recording you want to hide.
- Use the ⬆ / ⬇ buttons to select Hide Chapter and press Play ►/Enter.
- HIDDEN appears briefly on screen.
- The selected Chapter is hidden and will not be visible during normal playback.
- To view the hidden Chapter, you must select Play Full Title in the disc menu; see page 27.

Showing a Chapter

The Show Chapter feature allows you to restore hidden Chapters. In order to view hidden Chapters you must first select Play Full Title from the disc menu; see page 27. This will cause hidden Chapters to play and will mark them with the label HIDDEN on the on-screen display.

- Cue to the hidden Chapter you want to restore.
- The word HIDDEN appears on screen when a selected Chapter is hidden.
- Use the ⬆ / ⬇ buttons to select Show Chapter and press Play ►/Enter.
- The selected Chapter is restored and will now be visible during normal playback.
- Press Edit to exit the Edit menu.

Creating a New Thumbnail

The New Thumbnail feature allows you to change the image used in the disc menu to identify each Title. You can select any individual frame in the Title to be used as the new Thumbnail. The default thumbnail is the first frame of the recording.

- Cue to the frame you want to use in the disc menu.
- Use the ⬆ / ⬇ buttons to select New Thumbnail and press Play ►/Enter.
- Press Edit to exit the Edit menu.
- Press Disc Menu to view the new thumbnail image.

:: Editing from the Disc Menu

Certain types of edits can only be done from the DVD+R/+RW disc menu. These edits include Play Full Title, Finalize, Erase Title and Make Compatible:

1 Insert a DVD+R or DVD+RW disc into the DVD Recorder.

2 Press Disc/Live to switch to Disc mode.
   - The DVD+R/+RW disc menu appears on the screen.

3 Use the ⬆ / ⬇ buttons to select the desired Title.

4 Press Edit on the remote control, and select from the following options:

DVD+R Disc Menu Edits

DVD+RW Disc Menu Edits

Playing a Full Title

The Play Full Title feature allows you to view all hidden Chapters in the selected Title. You can then restore them using the Show Chapter option in the Edit menu.

- Use the ⬆ / ⬇ buttons to select Play Full Title and press Play ►/Enter.
- The selected Title will begin playing. Hidden Chapters will be shown with the word HIDDEN on screen during playback.
- Press Edit to exit the Edit menu.

Finalizing a Disc (DVD+R only)

Finalizing a DVD+R allows it to be played in virtually any DVD player. It also prevents further writing to the disc.

- Use the ⬆ / ⬇ buttons to select Finalize and press Play ►/Enter.
- FINALIZE appears briefly on-screen and the DVD+R will be formatted for maximum compatibility and closed to further writing.
- Press Edit to exit the Edit menu.

Erasing a Title (DVD+RW only)

The Erase Title command allows you to remove unwanted Titles to free up space on DVD+RW discs for new recordings.

- Use the ⬆ / ⬇ buttons to select Erase Title and press Play ►/Enter.
- The selected Title is deleted and will no longer be visible on the disc menu.

Making a Disc Compatible (DVD+RW only)

Making a DVD+RW compatible allows it to be played in virtually any DVD player. It also prevents further writing to the disc.

- Use the ⬆ / ⬇ buttons to select Make Compatible and press Play ►/Enter.
- FINALIZE appears briefly on-screen and the DVD+RW will be formatted for maximum compatibility and closed to further writing.
- Press Edit to exit the Edit menu.

:: Timer Recording

You can program up to 8 Timer Recording events up to 1 year in advance. Before you begin:

- Turn on the DVD Recorder using the front panel Power button. If the unit is in Standby mode, press On/Standby on the remote control to power on the unit. The green Power indicator will glow on the front panel display.
- Turn on your TV, and set it to the video input connected to the DVD Recorder.
- Turn on your audio system (if using an external amplifier/audio system), and set it to the input connected to the DVD Recorder.
- If you are Timer Recording from an external source, make sure that source is powered on and cued to the correct playback position.
- If you are recording from a cable box, make sure it is set to the right channel.

1 Press Open/Close ▲ on the remote control or front panel to open the disc tray.

2 Insert a DVD+R or DVD+RW into the disc tray.
- If you are using a DVD+R, it must be not be finalized. Once a DVD+R is full or finalized, it cannot be recorded on again.

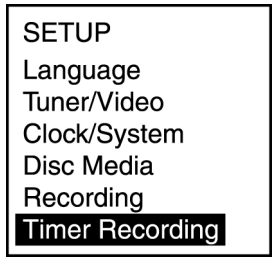
3 The unit will take a few moments to read the disc and then switch to Disc mode automatically.

4 The disc menu for the DVD+R or DVD+RW will appear.
- Make sure the disc has sufficient free space for the show you wish to record.

5 Press Setup on the remote control.

6 Use the ⬆ / ⬇ buttons to select Timer Recording, and then press Play ►/Enter.

7 Use the ⬆ / ⬇ buttons to select any available event number (1-8) and press Play ►/Enter.



Event	Date	Start	Length	Input	Quality	On/Off
1	--/--/--	--:--	--:--	-------	--	--
2	--/--/--	--:--	--:--	-------	--	--
3	--/--/--	--:--	--:--	-------	--	--
4	--/--/--	--:--	--:--	-------	--	--
5	--/--/--	--:--	--:--	-------	--	--
6	--/--/--	--:--	--:--	-------	--	--
7	--/--/--	--:--	--:--	-------	--	--
8	--/--/--	--:--	--:--	-------	--	--

8 Set event details:

Event	Date	Start	Length	Input	Quality	On/Off
1	06/10/03	00:19	00:30	Ch022	HQ	On

Set Date of Recording

Set a one-time event:

- Use the 0-9 buttons to set the month and press ➡ (e.g., for June, press “6”)
- Use the 0-9 buttons to set the day and press ➡ (e.g., for the 10th, press “1-0”)
- Use the 0-9 buttons to set the year and press ➡ (e.g., for 2003, press “0-3”)
- The event must occur within 1 year of the current time or you will receive an input error.

OR

Use the ⬆ / ⬇ buttons to select one of the following recurring recording options:

- **Mon-Fri** - Records the event every weekday (Monday-Friday).
- **Daily** - Records the event every day of the week (Sunday-Saturday).
- **Wkly Mon~Sun** - Records the event once a week on the same day (e.g, every Monday).

Set Start Time

- Use the 0-9 buttons or the ⬆ / ⬇ buttons to set the starting hour and press ➡ (e.g., for 12:00, press “1-2”)
- Use the 0-9 buttons or the ⬆ / ⬇ buttons to set the starting minutes and press ➡ (e.g., for 12:00, press “0-0”)

Set Length of Recording

- Use the 0-9 buttons or the ⬆ / ⬇ buttons to set the length in hours and press ➡ (e.g., for a 30 minute recording, press “0”)
- Use the 0-9 buttons or the ⬆ / ⬇ buttons to set the length in minutes and press ➡ (e.g., for a 30 minute recording, press “3-0”)

Set Input Source

Use the ⬆ / ⬇ buttons to select one of the following inputs:

- **Ch###** - Records from television. Use the 0-9 or Channel +/- buttons to select the channel and press ➡ (e.g., for channel 22, press “2-2”)
- **L1** - Records from a device connected to the front panel Video In jack.
- **L1-S** - Records from a device connected to the front panel S-Video In jack.
- **L2** - Records from a device connected to the back panel Video In jack.
- **L2-S** - Records from a device connected to the back panel S-Video In jack.

Set Record Quality

Use the ⬆ / ⬇ buttons to select one of the following Quality levels:

- **HQ** - Select for High Quality mode (1 hr. max per disc, comparable to DVD quality)
- **SP** - Select for Standard Play mode (2 hrs. max per disc)
- **LP** - Select for Long Play mode (3 hrs. max per disc, comparable to S-VHS quality)
- **EP** - Select for Extended Play mode (4 hrs. max per disc)
- **SLP** - Select for Super Long Play mode (6 hrs. max per disc, comparable to standard VHS quality).

Enable Timer Recording

- Use the ⬆ / ⬇ buttons to turn the selected event On or Off.
- This allows you to save unused Timer Recording settings for future use.

9 Press Setup to save your settings and exit the Setup menu.

- The unit will alert you if you have entered any invalid data in your Timer Recording settings.
- The unit will also alert you if you have entered overlapping events.
- To edit an event, simply select it and press Play ►/Enter.
- To delete an entry, press Clear.

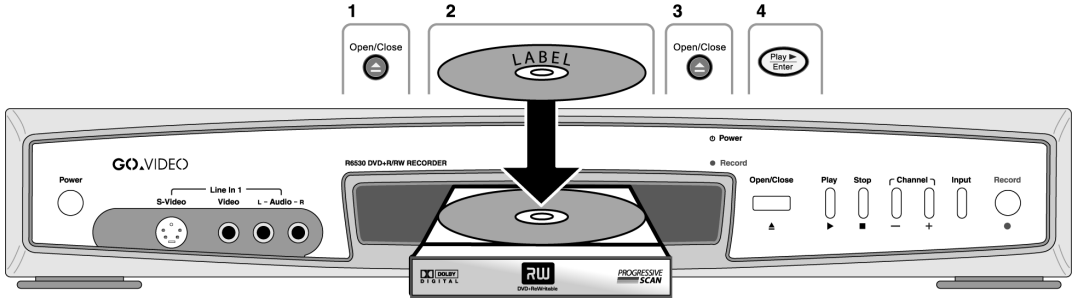
10 Press On/Standby on the remote control to put the R6530 in Standby mode.

11 When the starting time for the recording is reached, the unit will automatically begin recording according to your settings.

- To stop a Timer Recording in progress, simply press the On/Standby button on the remote control.
- If you press the Stop ■ button during a Timer Recording, you will be instructed to press the On/Standby button.

Chapter 4 DVD Playback

:: Basic Disc Playback



Playing a DVD

Before you begin:

- Turn on the DVD player using the front panel Power button. If the unit is in Standby mode, press On/Standby on the remote control to power on the unit. The green Power indicator will glow on the front panel display.
- Turn on your TV, and set it to the video input connected to the DVD player.
- Turn on your audio system (if using an external amplifier/audio system), and set it to the input connected to the DVD player.

1 Press Open/Close ▲ on the remote control or front panel to open the disc drawer.

2 Place the disc in the drawer with the label side facing up and playback side facing down. If the disc has two sides, place the disc with the desired playback side facing down.

3 Press Open/Close ▲ again to close the disc drawer.

4 Press Play ►/Enter on the remote control or front panel.

- Many discs will load and begin playing automatically when the disc drawer closes. Most rental DVDs have disc menus to aid in navigation; see "Disc Menu Navigation" on page 33.
- If the disc is a DVD+R/+RW, the disc menu will appear; see "About R6530 Disc Menus" on page 32.
- If the disc is scratched, dirty, or not encoded for Region 1, you will receive an error message and the disc will not play.
- Always press Stop ■ to stop playback of a disc before powering off the player.

Additional DVD Playback Options

- Press Volume +/- to adjust the playback volume.
- Press Pause/Step ⏸ to freeze playback.
- Press Pause/Step ⏸ again to advance one frame at a time (DVD only).
- Press Play ►/Enter to resume normal playback.
- Press Next ⏭ or Prev ⏮ to skip to the next or previous Chapter/Track.
- Press Fwd ▸▸ or Rev ◂◂ repeatedly to scan forward or backward at variable speeds during playback.
- Press Slow repeatedly to play in slow motion at variable speeds.
- Press Skip to jump ahead 30 seconds (DVD+R/+RW only).
- Press Stop ■ to stop and hold playback. To resume playback from the same place on the disc, press Play ►/Enter.
- Press Stop ■ twice to stop playback completely and restart the disc.
- For additional special playback features, please see page 33.

About R6530 Disc Menus

To view the disc menu for a DVD+R/+RW recorded on this DVD Recorder:

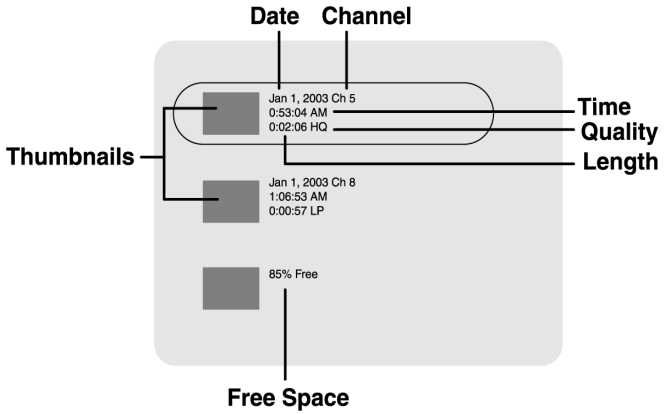
1 Insert a DVD+R/+RW disc.

2 The disc menu for the loaded DVD+R/+RW will appear automatically, with the earliest recorded show appearing at the top of the list.
   - If you are in Live mode, press Disc/Live to switch to Disc mode.
   - If you are in Disc mode, press Disc Menu or Title.

3 The DVD+R/+RW disc menu includes:
   - **Thumbnails** - The default thumbnail image is the first frame of each recording. To change the thumbnail to another image, see "Creating a New Thumbnail" on page 26.
   - **Date** - The month, day, and year the recording was made.
   - **Time** - The hour and minute the recording was made.
   - **Input** - The channel or input the recording was made from.
   - **Length of Recording** - The length of the recording in hours and minutes.
   - **Record Quality** - The quality of the recording (HQ, LP, SP, EP, or SLP)
   - **Free Space** - The percentage of space left on the disc.

4 Use the ⬆ / ⬇ buttons to select the desired Title.

5 Press Play ►/Enter to start playback of the selected Title.



Sample Disc Menu

Disc Menu Navigation

Disc menus allow you to select Titles and Chapters for playback, change a disc's default playback settings (such as Audio formats and Subtitle languages), and access any special features on the disc. Use the following buttons to navigate DVD disc menus:

Disc Menu
Press to display the disc menu for the currently loaded disc.

◄ ► ▲ ▼
Press to move the cursor left, right, up, and down in the disc menu.

Play ►/Enter
Press to make selections and confirm settings in the disc menu.

0-9
Press to make direct selections in some disc menus.

Return ↶
Press to display the previous menu or to exit the disc menu.

:: CD Playback

To play a standard audio CD:

1. Press Open/Close ⏏ on the remote control or front panel to open the disc drawer.
2. Place the CD in the drawer with the label side facing up and playback side facing down.
3. Press Open/Close ⏏ again to close the disc drawer.
4. The CD Track List menu appears and the first Track on the CD begins playing.
5. Use the ▲ / ▼ buttons to select any individual Track, and press Play ►/Enter.
6. Other options during CD playback:
   - Press Volume +/- to adjust the playback volume. To avoid audio distortion, turn down the player's volume during CD playback.
   - Press Pause/Step ❚❚ to freeze playback.
   - Press Play ►/Enter to resume normal playback.
   - Press Next ⏭ or Prev ⏮ to skip to the next or previous Track.
   - Press Fwd ▶▶ or Rev ◀◀ repeatedly to scan forward or backward at variable speeds during playback.
   - Press Stop ■ to stop playback and restart the disc.
7. To create a custom playlist, stop playback and press Program.
   - The screen changes to CD Playlist.

CD Playback Screen

- Use the ⬆ / ⬇ buttons to select Tracks for your playlist, pressing Play ►/Enter after each.
- Use the ⬅/➡ buttons to move the cursor to Play and press Play ►/Enter.
- To clear your playlist, stop playback and press Program again.
- Use the ⬅/➡ buttons to move the cursor to Clear All and press Play ►/Enter.

:: MP3 Playback

To play MP3 files burned onto a CD-R or CD-RW disc:

1 Press Open/Close ⏏ on the remote control or front panel to open the disc drawer.

2 Place the MP3 CD in the drawer with the label side facing up and playback side facing down.

3 Press Open/Close ⏏ again to close the disc drawer.

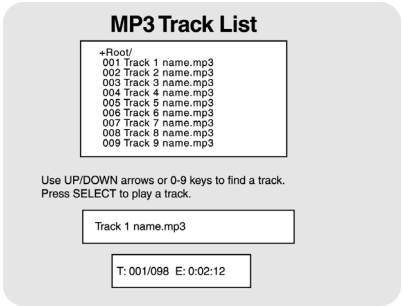
4 The MP3 Track List menu appears and the first Track on the MP3 CD begins playing.
- To ensure proper playback, make sure the MP3 files have been recorded at a bit rate of at least 128 kbps.
- If there are any gaps (blank data) on multi-session discs, you may experience playback problems.

5 Use the ⬆ / ⬇ buttons to select any individual Track, and press Play ►/Enter.

6 To browse to the next or previous page use the ⬅/➡ buttons.

7 Other options during MP3 playback:
- Press Volume +/- to adjust the playback volume.
- Press Pause/Step ⏸ to freeze playback.
- Press Play ►/Enter to resume normal playback.
- Press Next ⏭ or Prev ⏮ to skip to the next or previous Track.
- Press Fwd ⏩ to scan forward at 2x normal speed.
- Press Stop ■ to stop playback.

8 To create a custom playlist, stop playback and press Program.
- The screen changes to MP3 Playlist.
- Use the ⬆ / ⬇ buttons to select Tracks for your playlist, pressing Play ►/Enter after each.
- Use the ⬅/➡ buttons to move the cursor to Play and press Play ►/Enter.
- To clear your playlist, stop playback and press Program again.
- Use the ⬅/➡ buttons to move the cursor to Clear All and press Play ►/Enter.


MP3 Track List
+Root/
001 Track 1 name.mp3
002 Track 2 name.mp3
003 Track 3 name.mp3
004 Track 4 name.mp3
005 Track 5 name.mp3
006 Track 6 name.mp3
007 Track 7 name.mp3
008 Track 8 name.mp3
009 Track 9 name.mp3
Use UP/DOWN arrows or 0-9 keys to find a track.
Press SELECT to play a track.
Track 1 name.mp3
T: 001/098 E: 0:02:12

MP3 Playback Screen

:: Photo CD Playback

Photo CDs, including Kodak Picture CDs, contain JPEG images that you can view and manipulate on your television screen.

1 Insert a Photo CD into the DVD disc tray.

2 A slideshow will begin automatically starting with the first image on the disc.

3 To browse images manually:
- To advance to the previous or next image manually, press Prev ⏮ or Next ⏭.
- To advance to a particular image number, use the 0-9 buttons and then press Play ►/Enter.
- To pause a particular image, press Pause/Step ⏸.

4 To manipulate on-screen images:
- To rotate a picture clockwise 90 degrees, press the ➡ button.
- To rotate a picture counterclockwise 90 degrees, press the ⬅ button.
- To flip a picture horizontally, press the ⬆ button.
- To flip a picture vertically, press the ⬇ button.
- To zoom in and out of images at variable levels of magnification, press Zoom repeatedly.
- While an image is zoomed, use the arrow buttons to move around the image.

5 To stop the slideshow and view thumbnails of each picture (9 per screen), press Stop ■ once.
- To view an image, use the arrow buttons to highlight it, then press Play ►/Enter.
- To advance to the previous or next page, press Prev ⏮ or Next ⏭ (or highlight the on-screen ⏮ or ⏭ icons and press Play ►/Enter).

6 To exit thumbnail view and see directory of all pictures on the disc, press Stop ■ again.
- To view a picture, use the ⬆ / ⬇ buttons to select it and press Play ►/Enter.

7 To create a custom slideshow from the directory view, press Program.
- The screen changes to Photo Playlist.
- Use the ⬆ / ⬇ buttons to select photos for your playlist, pressing Play ►/Enter after each.
- Use the ⬅/➡ buttons to move the cursor to Play and press Play ►/Enter.
- To clear your playlist, stop playback and press Program again.
- Use the ⬅/➡ buttons to move the cursor to Clear All and press Play ►/Enter.

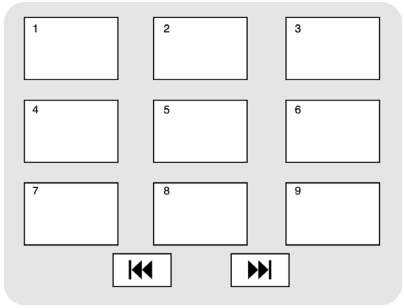


Photo CD Thumbnail View

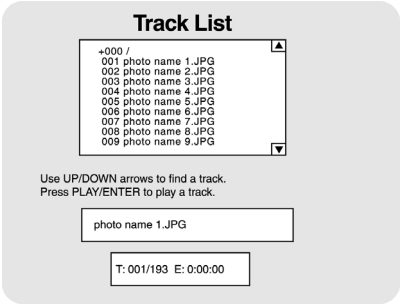

Track List
+000 /
001 photo name 1.JPG
002 photo name 2.JPG
003 photo name 3.JPG
004 photo name 4.JPG
005 photo name 5.JPG
006 photo name 6.JPG
007 photo name 7.JPG
008 photo name 8.JPG
009 photo name 9.JPG
Use UP/DOWN arrows to find a track.
Press PLAY/ENTER to play a track.
photo name 1.JPG
T: 001/193 E: 0:00:00

Photo CD Directory View

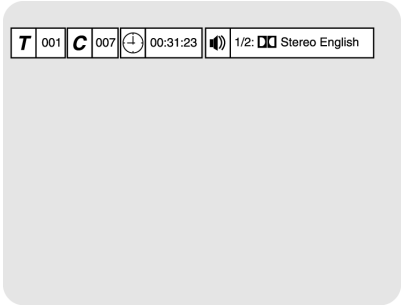
:: Special Disc Features

Display/Go To

1 Press Display or Go To during playback to view and/or change the current disc status:
- **DVD** - Shows the current Title number, Chapter number, elapsed time, and audio status.
- **CD** - Shows the current Track number, elapsed time, Play mode (Normal or Random), and Repeat mode (Off, Track, or Disc).

2 To go to a specific Title, Chapter or Track or to change the status of any item:
- Use the ⬅ / ➡ buttons to select the desired item and press Play ►/Enter.
- Use the 0-9 or ⬆ / ⬇ buttons to change the selected item to the desired setting and press Play ►/Enter.

3 Press Display or Go To again to turn off the display.

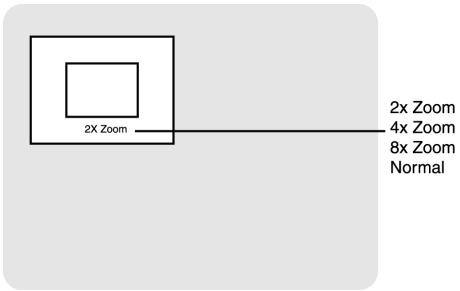


Display/Go To Screen

Zoom

1 Press Zoom repeatedly during DVD playback to progressively increase/decrease the scale of the on-screen image.

2 While in Zoom mode, use the ⬅ / ➡ and the ⬆ / ⬇ buttons to move around the zoomed image.



Zoom Screen

Title

When you play a DVD or DVD+R/+RW with multiple Titles, you can select the Title you want using the Title button.

1 Press Title to display the disc's Title menu.
- If there is no Title menu, the button is invalid.

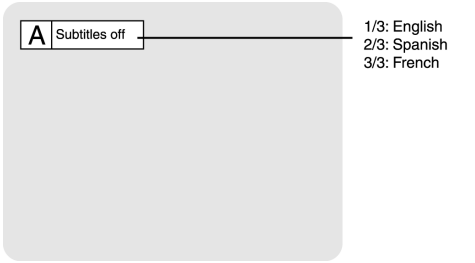
2 Press the ⬆ / ⬇ buttons or the 0-9 buttons to select a Title for playback.

3 Press Play ►/Enter to start playback of the selected Title.

Subtitle

Many DVDs contain subtitles in multiple languages. To select among all available subtitle languages:

1 Press Subtitle during DVD playback, then press Play ►/Enter.
2 Use the ⬆ / ⬇ buttons to select among all available subtitle languages (or Off).
3 Press Play ►/Enter again.
4 Press Subtitle to exit.

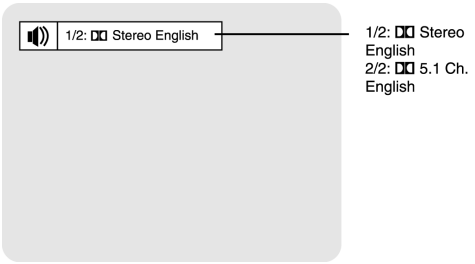


Subtitle Screen

Audio

Many DVDs contain multiple audio formats, such as Dolby Digital 5.1, 2-channel stereo, or soundtracks in multiple languages. To select among all available audio formats/soundtracks:

1 Press Audio during DVD playback, then press Play ►/Enter.
2 Use the ⬆ / ⬇ buttons to select among all available audio formats.
3 Press Play ►/Enter again.
4 Press Audio to exit.



Audio Screen

The AUDIO button also allows you to select among all available audio channels while watching TV.

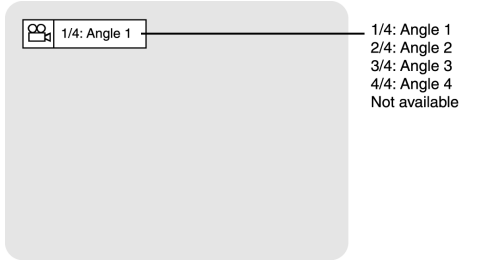
Press Audio repeatedly while watching the built-in TV tuner to switch between:

- **MAIN** - The primary audio channel that corresponds with what is shown on screen.
- **SAP** (Second Audio Program) - A second independent audio channel that often contains a second language, music or news.

Angle

Some DVDs contain scenes filmed from multiple angles. To have an Angle icon be displayed on screen during playback when additional angles are available; see page 43.

1 Press Angle when you see the Angle icon appear on screen during DVD playback.
2 Use the ⬆ / ⬇ buttons to select among all available angles.
3 Press Play ►/Enter again.
4 Press Angle to exit.



Angle Screen

A-B Repeat

The A-B Repeat feature allows you to repeat a segment of a DVD or CD in a continuous loop.

1 Press A-B during DVD or CD playback to select point A.
2 Press A-B again to select point B.
3 The selected segment will repeat in a continuous loop.
4 Press A-B again to cancel A-B Repeat.

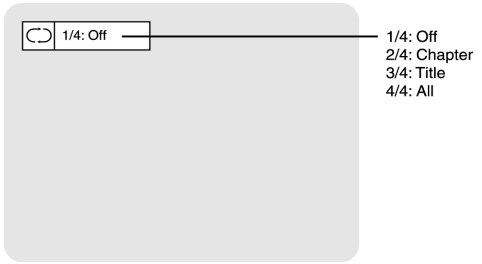
A-B Repeat Screen

Repeat

To repeat a disc, Title, Chapter, or Track during DVD or CD playback:

1 Press Repeat 1/ALL, then press Play ►/Enter.
2 Use the ⬆/⬇ buttons to select the desired Repeat mode:
- **DVD** - Off, Chapter, Title, All
- **CD** - Off, Track, or All

3 Press Play ►/Enter again.
4 Press Repeat 1/ALL to exit.



Repeat Screen

Progressive Scan

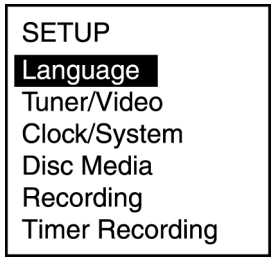
If you connected the DVD Recorder to your TV via the Progressive/Component Video Output, you can use the Prog. Scan button on the remote control to switch to Progressive Scan for superior video quality.

1 While playback is stopped, press Prog. Scan to switch to Progressive Scan mode.
2 Press Prog. Scan again to switch back to Interlaced Scan mode.
- When Progressive Scan is selected, the letter P appears on the front panel display.

:: Setup Menu Overview

Setup Menu Categories

The Setup Menu includes advanced options for your R6530 DVD Recorder. The factory default settings are appropriate for the majority of users.



Setup Menu

- For **Language** settings; see page 40.
- For **Tuner/Video** settings; see page 40.
- For **Clock/System** settings; see page 41.
- For **Disc Media** settings; see page 42.
- For **Recording** settings; see page 43.
- For **Timer Recording**; see page 28.

Setup Menu Navigation

The following buttons are used to display and navigate within the Setup menu:

Setup

Press to enter and exit the Setup menu.

▲ / ▼

Press to select and change menu items.

◄ / ►

Press to select and change menu items. ◄ is often used to return to the previous menu.

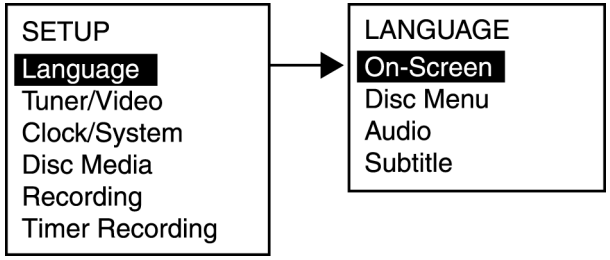
Play ►/Enter

Press to confirm your selections.

:: Language Settings

Use to set your preferred language for on-screen menus, DVD disc menus, audio soundtracks and subtitles:

1 Press Setup.
2 Use the ⬆ / ⬇ buttons to select Language and press Play ►/Enter.



Language Setup Menus

3 Choose from the following:

On-Screen/Menu Language

Sets your preferred language for the DVD Recorder's on-screen displays and setup menus.

- Use the ⬆ / ⬇ buttons to select On-Screen and press Play ►/Enter.
- Use the ⬆ / ⬇ buttons to select English (default), Español or Français and press Play ►/Enter.

Disc Menu Language

Sets your preferred language for DVD disc menus:

- Use the ⬆ / ⬇ buttons to select Disc Menu and press Play ►/Enter.
- Use the ⬆ / ⬇ buttons to select English, Spanish, French, or Default (the disc's default language) and press Play ►/Enter.
- Languages vary from disc to disc. The disc itself may override your selection.

Audio Language/Format

Sets your preferred language for DVD audio soundtracks:

- Use the ⬆ / ⬇ buttons to select Audio and press Play ►/Enter.
- Use the ⬆ / ⬇ buttons to select English, Spanish, French, or Default (the disc's default language) and press Play ►/Enter.
- Languages vary from disc to disc. The disc itself may override your selection.

Subtitle Language

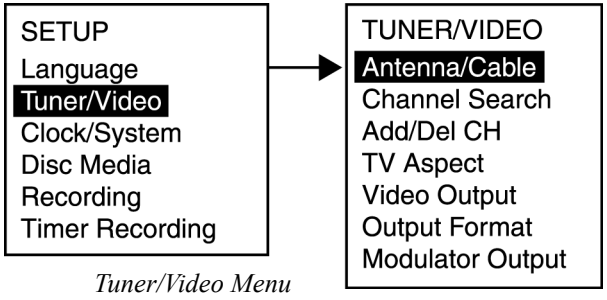
Sets your preferred language for DVD subtitles:

- Use the ⬆ / ⬇ buttons to select Subtitle and press Play ►/Enter.
- Use the ⬆ / ⬇ buttons to select English, Spanish, French, Off, or Default (the disc's default language), and press Play ►/Enter.
- The default setting is OFF.
- Subtitles vary from disc to disc. The disc itself may override your selection.

:: Tuner/Video Settings

Use to search for channels and set your video output settings.

1 Press Setup.
2 Use the ⬆ / ⬇ buttons to select Tuner/Video and press Play ►/ Enter.



Tuner/Video Menu

3 Choose from the following:

Antenna/Cable

Indicates how you receive incoming channels:

- Use the ⬆ / ⬇ buttons to select Antenna/Cable and press Play ►/ Enter.
- Use the ⬆ / ⬇ buttons to select Antenna or Cable, whichever you have connected to the ANTENNA IN jack on the back panel of the DVD Recorder. Press Play ►/Enter to confirm.

Channel Search

Automatically searches for channels:

- Use the ⬆ / ⬇ buttons to select Channel Search and press Play ►/ Enter.
- Use the ⬅ / ➡ buttons to select Confirm (or Cancel) and press Play ►/Enter.
- The DVD Recorder will search for all channels in your area and add them to your master channel list.

Add/Delete Channels

Allows you to add or delete channels from your master channel list:

- Use the ⬆ / ⬇ buttons to select Add/Del CH and press Play ►/ Enter.
- Use the ⬆ / ⬇ buttons to select the channel you wish to add or delete and press Play ►/Enter.

TV Aspect Ratio

Sets your preferred aspect ratio for DVD movies:

- Use the ⬆ / ⬇ buttons to select TV Aspect and press Play ►/Enter.
- Use the ⬆ / ⬇ buttons to select from the following:

  16:9 Widescreen

  Select if you have a widescreen 16:9 television.

  4:3 Letterbox

  Select if you have a standard 4:3 television and prefer to watch widescreen versions of DVD movies (if available). Movies will display in letterbox format; i.e., black bars will appear above and below the picture.

  4:3 Fullscreen

  (Default) Select if you have a standard 4:3 television and prefer to watch full-screen versions of DVD movies (if available). The movie will be formatted to fill the entire screen.
- Press Play ►/Enter to confirm your selection.

Video Output

Sets the Video Output to match the method you used to connect the DVD Recorder to your TV.

- Use the ⬆ / ⬇ buttons to select Video Output and press Play ►/ Enter.
- Use the ⬆ / ⬇ buttons to select from the following:

  Video & S-Video

  (Default) Select if you connected the DVD player to your TV using the Composite Video or S-Video output.

Component

Select if you connected the DVD player to your TV using the Component Video output. If you select Component, you also have the option of selecting Interlaced or Progressive Scan (see "Output Format" on page 42).

- Press Play ►/Enter to confirm your selection.

Output Format

Sets the Component Video Output to standard Interlace or Progressive Scan.

- Use the ⬆ / ⬇ buttons to select Output Format and press Play ►/Enter.
- Use the ⬆ / ⬇ buttons to select from the following:

  Interlace

  (Default) Select if your TV does not accept Progressive Scan input.

  Progressive

  Select if your TV accepts a Progressive Scan input for superior video quality. This option will only be available if you set Video Output to Component; see page 41.
- Press Play ►/Enter to confirm your selection.

Modulator Output

Sets the Modulator Output channel to 3 or 4. This is the channel your TV uses to view the DVD Recorder when using the Antenna Out connection; see page 13.

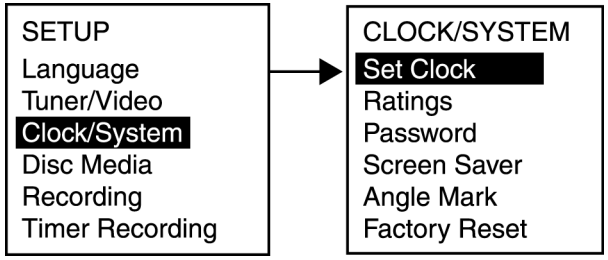
- Use the ⬆ / ⬇ buttons to select Modulator Output and press Play ►/Enter.
- Use the ⬆ / ⬇ buttons to select Off, Channel 3, or Channel 4.
- Select Off if you are using the Line Out connection and want the Antenna input signal to pass through to your TV.
- Press Play ►/Enter to confirm your selection.
- Be sure to set your TV to the same channel you selected above.

:: Clock/System Settings

Use to set the clock, parental controls and other system settings.

1 Press Setup.

2 Use the ⬆ / ⬇ buttons to select Clock/System and press Play ►/Enter.



Clock/System Menu

3 Choose from the following:

Set Clock

Sets the DVD Recorder's internal clock (important for accurate timer recordings):

- Use the ⬆ / ⬇ buttons to select Set Clock and press Play ►/Enter.
- Use the ⬅ / ➡ buttons to select hours, minutes, month, day, and year.
- Use the ⬆ / ⬇ buttons to set each of the above items.
- Press Play ►/Enter to save.
- Press Clear to exit without saving.

Ratings

Enables a password-protected rating system to block playback of discs with objectionable material:

- Use the ⬆ / ⬇ buttons to select Ratings and press Play ►/Enter.
- Enter a 5-digit password and press Play ►/Enter. NOTE: If this is the first time you have used the player, you must enter the original factory password (“99999”), before you can enter your own personal password.
- Store your password in a safe place so you can recall it later.
- You will be prompted to enter your password again to confirm.
- Use the ⬆ / ⬇ buttons to select the desired rating (from 1-Kids Safe to 8-Adult).
- Press Play ►/Enter to confirm your selection.

Password

Sets or changes the password for the Ratings feature:

- Use the ⬆ / ⬇ buttons to select Password and press Play ►/Enter.
- Enter a 5-digit password and press Play ►/Enter. NOTE: If this is the first time you have used the player, you must enter the original factory password (“99999”), before you can enter your own personal password.
- Store your password in a safe place so you can recall it later.
- You will be prompted to enter your password again to confirm.

Screen Saver

Enables or disables Screen Saver:

- Use the ⬆ / ⬇ buttons to select Screen Saver and press Play ►/Enter.
- Use the ⬆ / ⬇ buttons to select On or Off.
- If you select On, the DVD+RW icon will appear whenever the unit is left alone for several minutes to protect your TV screen.

Angle Mark

Enables or disables Angle Marks during DVD playback:

- Use the ⬆ / ⬇ buttons to select Angle Mark and press Play ►/Enter.
- Use the ⬆ / ⬇ buttons to select On or Off.
- If you select On, a camera icon will appear on screen whenever an alternative angle is available during DVD playback.

Factory Reset

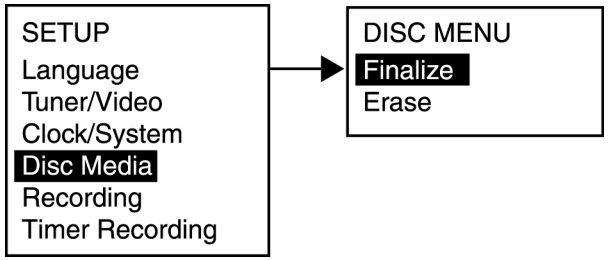
Resets all Setup menu options to their original settings.

- Use the ⬆ / ⬇ buttons to select Factory Reset.
- Use the ⬅ / ➡ buttons to select Confirm or Cancel. If you select Confirm all custom settings will be lost and the DVD Recorder will restart in Initial Setup mode, see page 14.

:: Disc Media Settings

Use to finalize a DVD+R disc or erase a DVD+RW disc. Only available when a DVD+R/+RW is loaded.

1 Press Setup.
2 Use the ⬆ / ⬇ buttons to select Disc Media and press Play ►/Enter.



Disc Media Menu

3 Choose from the following:

Finalize DVD+R

Finalizes a DVD+R disc so it will play in most DVD players.

- Use the ⬆ / ⬇ buttons to select Finalize.
- Use the ⬅ / ➡ buttons to select Confirm (or Cancel). If you select Confirm, the DVD+R will be closed to further recording and will be compatible with most DVD players.

Erase DVD+RW

Erases a DVD+RW disc so it can be recorded over again.

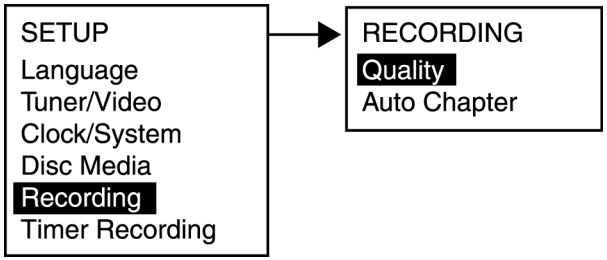
- Use the ⬆ / ⬇ buttons to select Erase.
- Use the ⬅ / ➡ buttons to select Confirm (or Cancel). If you select Confirm, the DVD+RW will be erased.

:: Recording Settings

Use to set the default recording quality and Auto Chapter setting.

1 Press Setup.

2 Use the ⬆ / ⬇ buttons to select Recording.



Recording Menu

3 Choose from the following:

Recording Quality

Sets the default quality level for DVD recording:

- Use the ⬆ / ⬇ buttons to select Quality and press Play ►/Enter.
- Use the ⬆ / ⬇ buttons to select from the following:
  HQ - 1 hr.
  Select for High Quality mode (comparable to DVD quality)
  SP - 2 hrs.
  Select for Standard Play mode
  LP - 3 hrs.
  Select for Long Play mode (comparable to S-VHS quality)
  EP - 4 hrs.
  Select for Extended Play mode
  SLP - 6 hrs.
  Select for Super Long Play mode (comparable to VHS quality).
- Press Play ►/Enter to confirm your selection.

Auto Chapter

Enables Auto Chapter mode, where the DVD Recorder will automatically create new Chapters on your DVD+R/+RW every 5 minutes during recording.

- Use the ⬆ / ⬇ buttons to select Auto Chapter and press Play ►/Enter.
- Use the ⬆ / ⬇ buttons to select On or Off and press Play ►/Enter.

:: Customer Service Information

The Troubleshooting section below will help you solve common issues with your DVD Recorder. If you don't find the answers you need here, you can contact our Customer Service Department as follows:

Phone
(800) 736-7679
E-Mail
customersupport@govideo.com
Web
www.govideo.com

:: Troubleshooting

Problem	Solution
No power.	• Make sure the AC power cord is securely connected. • Make sure the front panel Power button is pressed in. • Make sure the unit is not in Standby mode (press On/Standby on the remote control).
No picture.	• Securely connect video cable. • Repair or replace damaged video cable. • Make sure the player is connected to the correct TV input. • Make sure the video input on the TV is set to view the DVD Recorder. • Make sure the Prog. Scan button is set to the correct mode (Progressive Scan/Interlaced Scan). Progressive Scan is only available when using the Component Video connection. • Make sure the Video Output and Output Format settings are correctly set in the Setup menu.
Picture noise.	• Make sure the disc is not dirty or flawed.
DVD picture does not fill screen on standard television.	• The aspect ratio of the disc is fixed on your DVD.

No sound.	• Securely connect all audio cables. • Repair or replace any damaged audio or speaker cables. • Make sure the volume is turned up using the Volume +/- button. • The player is in Pause, Slow Motion, or Forward/Reverse Scan. Press Play ►/Enter on the remote control to return to normal playback mode.
No surround effect during playback of Dolby Digital soundtrack.	• Depending on the DVD, the output signal may not use all 5.1 channels, but rather output monaural or stereo sound, even if the soundtrack is recorded in Dolby Digital format.
Severe hum or noise.	• Make sure components are correctly and securely connected. • Make sure connecting cables are away from a transformer or motor, and at least 10 feet away from a fluorescent light. • Move your TV away from your audio components. • The plugs and jacks are dirty. Wipe them with a cloth slightly moistened with alcohol. • Clean the disc. • Turn down the volume during CD playback to avoid audio distortion.
Remote does not function.	• Remove any obstacles between the remote and the player. • Move closer to the player when operating the remote. • Point the remote directly at the sensor on front panel of the player. • Replace the batteries.
Disc does not play.	• Make sure there is a disc in the tray. • Turn the disc over. Make sure the desired playback side is facing down on the disc tray. • The disc is skewed or warped. • The region code on the DVD does not match the player. • Check the "Ratings" level in the Setup menu. The parental lock function may be set and blocking the show. • Make sure you are using the correct recordable disc (DVD+RW/DVD+R). • Make sure the power is set to Standby mode while using timer recording. • Make sure the disc has been closed (DVD+R discs only). • Moisture has condensed inside the player. Remove the disc and leave the player turned on for about half an hour.
Disc does not start playing from the beginning.	• Program Play or Repeat Play is selected. Cancel these functions before playing a disc. • Resume Play is active. Press Stop ■ twice and then restart DVD playback.
Disc plays automatically.	• The DVD features an auto playback function.

Technical Specifications

Video

Component Video Out (1)

(Progressive/Interlace Scan modes)

- Y: 1.0Vp-p 75Ω
- Pb: 0.7Vp-p 75Ω
- Pr: 0.7Vp-p 75Ω

S-Video Out (1)

(Separate Y and C signal output connector)

- Y: 1.0Vp-p 75Ω, sync
- C: 0.286Vp-p 75Ω

Video Out (1)

- 1.0Vp-p 75Ω, sync, RCA jack x 1

RF Out (1)

- Channel 3-4

S-Video In (2)

(Separate Y and C signal output connector)

- Y: 1.0Vp-p 75Ω, sync
- C: 0.286Vp-p 75Ω

Video In (2)

- 1.0Vp-p 75Ω, sync, RCA jack x 1

RF In (1)

- Antenna or CATV Input, F-Connector, 75W

Audio

Analog Out (1)

- 1.85V(rms)/10kΩ, RCA jack (L,R) x 1

Coaxial Digital Audio Out

- 0.5Vp-p 75Ω; RCA jack x 1

Optical Digital Audio Out

- Optical fiber transmitter

Frequency Response

- 20Hz to 20kHz

Signal-to-noise Ratio

- >90dB

Total Harmonic Distortion

- Less than 0.05%

General

Power Requirements

- 100-240VAC, 60Hz

Power Consumption

- 20W

Environment

- 32ºF to 104ºF (9%-90% humidity)

Video Standard

- NTSC

Unit Weight (approx.)

- 10 lbs (4.5 kg)

Unit Dimensions (approx.)

- 17” x 11.4” x 2.7” (430 x 290 x 68 mm) (w/h/d)

Specifications subject to change without notice.

:: Warranty

Who Provides the Limited Warranty

During the warranty period, the Go-Video Warranty Administrator will honor DVD Recorder service for 90 days parts and labor from the original date of consumer purchase. See below for Commercial, Industrial or Educational use coverage. The DVD Recorder remote control is warrantied for 90 days from the date of purchase.

Who is Protected

This warranty protects the original consumer owner of this Go-Video product.

What is Covered and How Long

This warranty covers internal operating parts and service/labor to repair or replace covered parts in this Go-Video product for 90 days parts and labor from the date of purchase, defined as follows: (1) Original Consumer Retail Purchase; (2) First Rental Purchase Agreement; or (3) First Lease Purchase Agreement (the Warranty Period). Labor and replacement parts supplied during the Warranty Period are covered only for the remaining portion of the original Warranty Period. The Go-Video Warranty Administrator shall have no liability for service under this warranty if non-OEM (Original Equipment Manufacturer) replacement parts are used in the repair of your Go-Video product.

What to Do If Service is Required

If service under this warranty is required, contact the Go-Video Customer Service Department at (800) 736-7679 or go online to http://www.govideo.com to determine the nearest authorized Go-Video service center.

What are the Exceptions

This warranty does not cover: (1) Normal maintenance service. (2) Damage from misuse, abuse neglect or accident, natural disasters or Acts of God. (3) Cabinetry, decorative parts, A/C adapters, knobs or buttons. (4) The foreign country use of this product. (5) Go-Video product which has been electronically or mechanically modified in any way or incorporated into other products. (6) Installation and setup service adjustments. (7) Owner instruction. Your Owner's Guide provides information regarding operating instructions and user controls. For additional information, contact your authorized Go-Video dealer.

- Go-Video is not responsible for any shipping, handling or insurance charges.
- This Exclusive Limited Warranty excludes all incidental and consequential damages. Some states do not allow the exclusion of incidental and consequential damages, so the above exclusion may not apply to you.
- ALL IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY PERIOD. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.
- This Exclusive Limited Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Go-Video Warranty Administrator

7835 East McClain Drive - Scottsdale, Arizona - 85260-1732
(480) 922-0896 - customerservice@govideo.com

:: Safety

Important Safety Instructions

1 Read Instructions
All the safety and operating instructions should be read before the product is operated.

2 Retain Instructions
The safety and operating instructions should be retained for future reference.

3 Heed Warnings
All warnings on the product and in the operating instructions should be adhered to.

4 Follow Instructions
All operating and use instructions should be followed.

5 Cleaning
Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

6 Attachments
Do not use attachments not recommended by the product manufacturer as they may cause hazards.

7 Water and Moisture
Do not use this product near water – for example, near a bathtub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.

8 Accessories
Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.

PORTABLE CART WARNING
(Symbol provided by RETAC)

9 Ventilation
Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

10 Power Sources
This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

11 Grounding or Polarization

This product may be equipped with a polarized alternating–current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

12 Power–Cord Protection

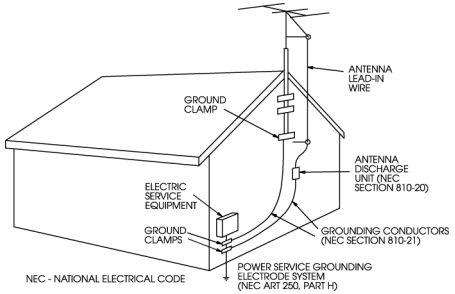
Power–supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

13 Protective Attachment Plug

The product is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.

14 Outdoor Antenna Grounding

If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna–discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See figure 131.1.


ANTENNA LEAD-IN WIRE
GROUND CLAMP
ANTENNA DISCHARGE UNIT (NEC SECTION 810-20)
ELECTRIC SERVICE EQUIPMENT
GROUND CLAMPS
GROUNDING CONDUCTORS (NEC SECTION 810-21)
NEC - NATIONAL ELECTRICAL CODE
POWER SERVICE GROUNDING ELECTRODE SYSTEM (NEC ART 250, PART H)

15 Lightning

For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power lines surges.

16 Power Lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

17 Overloading

Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

18 Object and Liquid Entry

Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

19 Servicing

Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

20 Damage Requiring Service

Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power-supply cord or plug is damaged,
- If liquid has been spilled, or objects have fallen into the product,
- If the product has been exposed to rain or water,

- If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation,
- If the product has been dropped or damaged in any way, and
- When the product exhibits a distinct change in performance – this indicates a need for service.

21 Replacement Parts

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

22 Safety Check

Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

23 Wall or Ceiling Mounting

The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

24 Heat

The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

Safety/Regulatory Information

Caution

To prevent fire, shock hazard, or annoying interference, use only the recommended accessories.

To prevent electric shock, do not use this (polarized) plug with an extension cord, receptacle, or other outlet unless the blades can be fully inserted to prevent blade exposure.

To reduce the risk of electric shock, do not remove the unit cover or back. There are no serviceable parts inside.

Refer servicing to qualified personnel only.

WARNING:

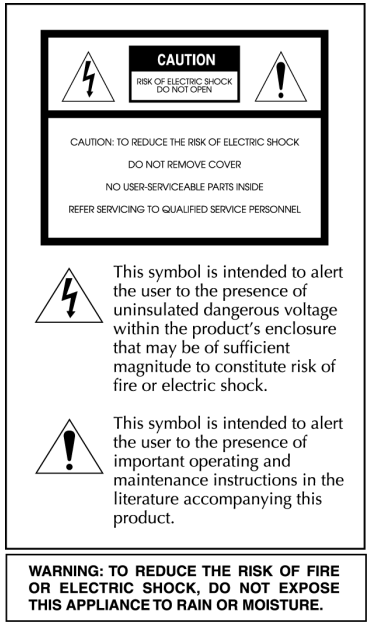
TO AVOID HAZARDOUS EXPOSURE TO INVISIBLE LASER RADIATION, DO NOT OPEN OR REMOVE/DEFEAT LASER TRANSPORT PROTECTIVE HOUSING.

CLASS 1 LASER PRODUCT

This appliance is classified as a CLASS 1 LASER PRODUCT. The CLASS 1 LASER PRODUCT MARKING is located on the rear panel.

Note to CATV System Installer

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the National Electronic Code that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.


CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK
DO NOT REMOVE COVER
NO USER-SERVICEABLE PARTS INSIDE
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL
This symbol is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute risk of fire or electric shock.
This symbol is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying this product.
WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

User/Installer Caution

Your authority to operate this FCC certified equipment could be voided if you make changes or modifications not expressly approved by the manufacturer, who is responsible for compliance with Part 15 FCC rules.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Cuidado

Para prevenir incendio, riesgo de choque, o interferencia enfadosa, use solamente los accesorios recomendados. Para prevenir electrochoque, no use este enchufe (polarizado) con un cordón de extensión, toma de corriente, o cualquier otra toma a menos que los dientes puedan ser completamente insertados para prevenir exposición de los dientes. Para reducir el riesgo de descarga eléctrica, no remueva la cubierta o la parte posterior del DVD Recorder. Dentro del DVD Recorder no hay partes que requieren servicio. Diríjase solamente a personal calificado cuando requiera servicio.

Attention

Pour éviter les incendis, risque de chocs, ou interférences fâcheuses, employer seulement les accessoires recommandés. Pour éviter les chocs électriques, ne pas employer cette prise (polarisée) avec une rallonge, une prise de courant ou une autre sortie de courant à moins que les lames peuvent être insérées à fond pour l’exposition des lames. Pour réduire les risques de chocs électriques, ne pas retirer le couvercle ou l'arrière du module. Il n'y a pas de pièce utilisable à l'intérieur. Ne faire effectuer l'entretien que par un personnel qualifié.

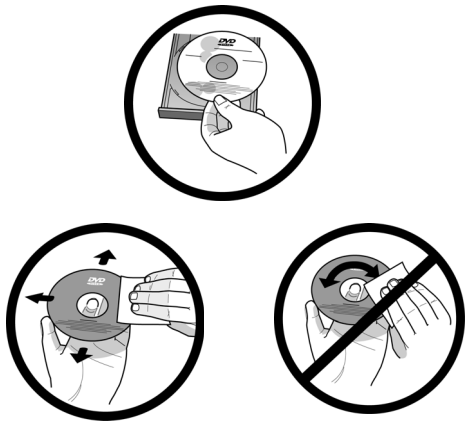
Notes about Discs

On handling discs

- To keep the disc clean, handle the disc by its edge. Do not touch the surface.
- Do not expose the disc to direct sunlight or heat sources such as hot air ducts, or leave it in a car parked in direct sunlight as the temperature may rise considerably inside the car.
- After playing, store the disc in its case.

On cleaning discs

- Before playing, clean the disc with a cleaning cloth. Wipe the disc from the center out.
- Do not use solvents such as benzine, thinner, commercially available cleaners, or anti-static spray intended for vinyl LPs.



Recommended Media

Although this DVD Recorder will work with virtually all brands of blank media (DVD+R/+RW), for best results and maximum compatibility, it is recommended that you use discs with the following brands:

- Ricoh
- Verbatim
- Memorex

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